SONY

KDF-E55A20

3LCD Rear Projection Television

Key Features

- 3LCD Technology
- WEGA Engine™ System
- ATSC Integrated Tuner with CableCARD™ Slot
- WEGA GATE™ - Easy Operation Guide
- HDMI™ (High Definition Multimedia Interface) Connector
- TOS Link
- Dolby® Digital
- SRS® TruSurround® XT
- Steady Sound® Technology

Key Technologies

3LCD Panel Technology The 3LCD technology at the heart of Sony's Grand WEGA™ televisions provide a bright picture, with high detail and natural color. These three key benefits are immediately apparent when viewing a Grand WEGA™ TV. You can expect to see an incredibly detailed picture with eye-popping colors.

Sony uses three tiny LCD panels (0.87") with a combined resolution of over 3.14 million pixels. The light from a high output UHP lamp shines into a filtering system that splits the beam into red, green, and blue light streams. Each color goes through its own LCD panel, which passes or blocks the light. The three beams are then recombined and sent to the projection lens.

WEGA Engine™ System The WEGA Engine™ system is Sony's advanced video processing technology designed to enhance and improve overall picture quality. All analog and digital video signals are processed in the digital domain increasing signal while decreasing noise. Various video processing circuits are used to scale the image, perform interlaced to progressive conversion and remove digital artifacts to improve the overall picture quality. The result? You will see stunning picture quality characterized by natural looking images that have amazing texture and detail, and excellent depth and contrast.

HDMI™ Input and More Designed for maximum versatility, Sony's Grand WEGA televisions are equipped with a generous number of input interfaces. The HDMI (High-Definition Multimedia Interface) is the first industry-supported, uncompressed, all-digital audio/video interface. HDMI supports enhanced or High Definition video, together with multi-channel digital audio to provide matchless image and sound reproduction. And multiple inputs such as component video, S-Video, composite video inputs along with a Digital Audio output and variable/fixed audio output compliment the package.

WEGA ENGINE

SRS TruSurround XT

BBE

ENERGY STAR

Shown with optional SU-GW12 A/V stand

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Features

General

Auto SAP: Yes
Channel Fix: Yes
Closed Caption (CC): Yes
ID1 Detection: Yes
Video Label: Yes

Video

Panel Type: 3LCD (0.87" display area)
Screen or Display Technology: 3LCD
Tuner: 8 VBS, ATSC, NTSC, Clear QAM
Video Signal System: ATSC, NTSC
Video Processing: WEGA Engine™ Technology
Color Temperature: Cool, Neutral, Warm
Color Correction: High/Low/Off
Noise Reduction: Yes
Black Corrector: High/Medium/Low/Off
Clear White: On/Off
Gamma Compensation: High/Medium/Low/Off
CineMotion® Reverse 3:2 Pulldown Technology: Yes
Direct Digital II Circuitry: Yes
Wide Mode (16:9): Wide Zoom, Full, Zoom
Wide Mode (4:3): Wide Zoom, Normal, Full, Zoom
Comb Filter: 3D Digital Comb Filter
DRC® MultiFunction Circuitry: Yes
DRC® Mode: High Density, Progressive
DRC® Palette Presets: Custom 1
Game Picture: +5 to -5
Image Shift: Auto, Level 1, 2, 3, 4
Advanced Video Menu: Yes
Picture Modes: Vivid, Standard, Custom

Audio

Tone Control(s): Treble, Midrange, Bass
Sound Mode: Dynamic, Standard, Custom
MTS Stereo Decoder: Yes
A/V Synch: Off/1/2/3
Digital Amplifier: Yes
Audio Mute: Yes
Speaker On/Off: Yes
Simulated Surround: Yes
SRS® TruSurround® XT Audio Effect: Yes
Dolby® Digital: Yes

Convenience

Channel Label: Yes
Channel Skip/Add: Yes
Channel Jump: Yes
Favorite Channel: Yes
Speed Surf™ Channel Selection: Yes
Program Guide Access: Yes
Auto Channel Programming: Yes
Menu Color: Yes
Multiple Language Display: English; Español; Français
Parental Control (V-Chip): Yes
Freeze Memo Screen Freeze: Yes
Info Banner: Yes
Programmable Timer: 2 Event
Sleep Timer: 15, 30, 45, 60, 90, Off
Timer Events: Timer 1, Timer 2
Caption Vision: On, Off, Program
Clock: Yes
Power Save Mode: Yes
Built-in AC Adaptor: Yes

Specifications

General

Aspect Ratio: 16:9
Screen Size: 55"[2]

Video

Native Resolution: 720p
Display Resolution: 1366 x 768
Vertical Size: +5 to -5
Vertical Center: +5 to -5

Audio

Speakers (Total): 2
Audio Power Output: 24W Total (12W x 2)

Inputs and Outputs

Analog Audio Input(s): 6 (1 Front/5 Rear)
Audio Out (Variable/Fixed): 1 (Rear)
CableCARD™ Slot: 1 (Rear)
Component Video (Y/Pb/Pr) Input(s): 2 (Rear)
Composite Video Input(s): 3 (1 Front / 2 Rear)
Digital Audio Output(s): 1 (Rear)
HDMI™ Connection Input(s): 1 (Rear) with Audio Input
RF Connection Input(s): 2 (Rear)
S-Video Input(s): 3 (1 Front / 2 Rear)

Power

Internal Power Supply: Yes
Power Consumption (in Operation): 265W
Power Consumption (in Standby): Less than 15W
Power Requirements: AC120V, 60Hz
Power Management: Yes
Power Consumption (CableCARD™ Function in Standby): NA

Regulation and Standard Compliance

Energy Star® Compliant: Yes

Service and Warranty Information

Limited Warranty: 1 Year Parts, 1 Year Labor

Dimensions

Weight: 92.5lb (42kg)
Measurements: 57 3/8" x 37 1/4" x 19 3/8" (1456 x 943 x 491mm)

Optional Accessories

SU-GW12 (Optional AV Stand)
XL-2100 or XL-2100U (132W Replacement Lamp)

UPC Code: 027242675322

Confidential Sony Information. For Internal Use Only.
1. "Standby" LED for "Power Management" mode.
2. Screen Size measured diagonally.

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Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.

Shown with front access A/V connections panel open

Please visit the Dealer Network for current information at www.sony.com/dn